Collection no. 172 N.S.W. + S.Q/d.

K.H.L. Key
1-17.xi.1971

1/11

34593 Hawk's Nest. Took road to Nungo Brush.

597. Heath 2-4ft, with Banksia ? serrata, Petrophile brunnea, Cirpinula pyrrhocnemis, ~~Corythites~~ Casuarina sp. flame flowered Lepto-spermum sp., & many other shrubs, on white undulating sand. Austrodanthonia pilosa, Drosera.

601. Much the same, but more sedges, of several genera. Corythites ruricola

605.9. Nungo Brush. (Tamboy according to RMA map). Continued north.

609.5. Turned off left to ferry.

610.0 Ferry (Bombah Point).

619.7. Bulahdelah. Returned on same road.

621.8. Returned. 623.8. Bulahdelah

2/11. 623.8. Bulahdelah depart.

635.0. After wasting same distance — Bombah ferry. Turned right at 635.4.

636.7. Turned left for Seal Rocks.

637.1. Undulating white sand. Angophora lanceolata, E. botryoides, & paper-barks to 30ft, Banksia sp. to 20ft, Leptospermum Morabine sp. P105, Psednura pedestris

op. 4 to 4ft, miscellaneous microphyllous shrubs to 7ft, Cyperaceae & Restionaceae dense to 18in. A small swampy depression adjacent with Xanthorrhoea sp. (acaulescent). Rhizala. Asphula.

648.8. Intersection. Turned right.

652.0. Seal Rocks camping ground

652.4. Seal Rocks P.O.

653.2. End of road near Lighthouse. Return.

654.2. Patch of good rainforest on consolidated sand-dune. Tetrigids on moss & lichen among ferns to 6in & fallen leaves at side of path. Coptotettix gibbus

654.4. Seal Rocks camping ground

659.9. Bungwahl P.O.

660.5. Turned right on to Bulahdelah-Forster road.

662.7. Collecting gate of previous trip. (check previous reference to Bungwahl)

663.9. Tarbuck Ck.

667.8. Pacific Palms P.O.

681.7. Forster. Paratettix femoralis, Atractomorpha similis. Austracris proxima

3/11.

34694.1 Forster depart.

695.1. Tuncurry.

699.4. Turned round

700.4 Turned left on Blackhead road.

705.4. Return

709.2. Blackhead (wasted some miles)

713.1. Joined Tuncurry-Taree road.

4/11. 34990.1 Wans Head P.O. Took Woodburn road.

990.9. Heath to 2ft, with Banksia spp. & ~~other~~ Leucopogon Not. 9 sp. 1, Pseudanthus pedestris, morabine sp. P101. microphyllous shrubs. Acanthocarpa Xanthorrhoea abundant. fair quantity of Cyperaceae.

991.7. Similar environment. No pseudanthus. wasted miles.

996.2. "Chinaman's Beach", N. of Schnapper Point, Wans Head. Margin of a pool with water hyacinth & Zoisia lechenaultia the first dune (Ischnolepis & tridactylids); also scattered heath shrubs among grass on the (consolidated) first dune (morabine).

6/11. Took track to Moran's falls & return via slaughterhouse. C. quinquecarinatus (Ptilop. (1) Coptotettix quinquecarinatus, C. sp., Cadamia sp. 3 on muddy patch & adjacent rocks at crossing of Morans Ck. Other Ischnolepis &

Cedarinia along track through open eucalypt forest with Themeda australis, the Tetrigids adjacent to a seepage point. (2) By torch at night in rainforest on first part of track to Elabana falls, quite near Guest House. Tetrigids on moss- & lichen-covered rocks; Stenopelmatid on ground.

7/11. O'Reilly's. (3) From Pat's Bluff, West Cliff back to main road. Tetrigids on ground along track through tall "box" forest with Casuarina spp., Xanthorrhoea sp. to 10ft, & Themeda australis to 18in.

10/11. (4) O'Reilly's to Mt. Bethongabel. Rainforest

11/11. Mt. Cordeaux, Cunningham Gap National Park. Grasshopper taken near summit amongst Themeda australis in open community with Xanthorrhoea to 10ft, scattered Banksia sp. & Acacia sp. to 8ft, occ. Leptospermum sp. Rhizala. (A. guttulosa lower down in dry rainforest, but probably not normally there. It was fairly common in the Themeda.)

12/11.

354 11.4 (1) Mt. Mowbullan. Coarse grass Eucalypt Forest.
Heteropternis obscurella, Pycnostictus seriatus, Prasaculus
~~sp. (j.)~~ queenslandicus (j.)
tussock + mat undergrowing grasses
paspalum, kikuya, + clover. Probably
all derived by clearing of bunya pine
+ rainforest. (2) On buttresses + in
cavities of large rainforest trees, at
night by torch.

13/11.

4 11.4. Guest house depot along track
through range.

427.6. Junction with Bell-Kingaroy roads
(Kingaroy 22 m, Bell 26 m). Return.

430.8. Creek crossing (Stuart R.?). Hilly
country, stony. E. melanophloia +
Heteropternis australis, Phaulacridium vittatum, Parabettix
albolimbatus, Coptotettix quinquecarinatus
Angophora intermedia to 50ft, Casuarina
? cunninghamii along creek. Themeda
australis to 3ft, leading to sedges + forbs
bordering water.

435.9. Foothills of Bunya Mts. Hilly,
Goniaea carinata, Epallia sp.
with outcropping of salt. E. blakelyi +
E. crebra to 50-60ft dense, with Callitris
sp. + occ. + miscellaneous tangled shrubs
+ creepers to 10-15ft. Grasses along road to

1ft, occ. Dianella sp.

443.2. Mt. Mowbullan

443.8. Guest House. Departed on Maclagan road.

451.8. Junction of Dalby & Maclagan roads. Bungalows & bulah to 50ft with a variety of shrubs & small trees 15-20ft dense & thinned, in latter case with Stipa verticillata (?) to 3ft, & other grasses, nuisance & salsola Kali to 1ft, annual Rhagodia sp. to 4in., occ. Kochia microphylla (?) to 18in. undulating, self-mulching dark chocolate soil. Return.

Morabine sp. P35c, Phaulacridium ?nitbatum (jc), Cedarinia sp. 5, Rapsilla fusca, Laxabilla smaragdina

452.3. Creek crossing with E. blakelyi, Angophora intermedia & Casuarina cunninghamii to 60ft. Waterlined with Kikuyu grass to 6in.

Paralethites albolimbatus

14/11.

35628.1. Stanthorpe. Low granite hills with outcropping rock & pale coarse granitic soil. Eucalypt rough-barked except upper branches to 35ft & regrowth partly cleared. Themeda australis to 18in open, other grasses to 1ft; Helichrysum

Morabine sp. 44b(?), Coniacia australasiae, Apotropis bicarinata, Tipuna Crassa, Brachyexarna lobipennis, Monistria discrepans, Urnisa sp. 1

spp. (2) in patches, occ. Leptospermum sp. to 6ft + regrowth, dry ferns. Morabine associated with Helichrysum + grasses, Monotria with Helichrysum.

15/11.

35632.7. Stanthorpe depart.

648.9. Turned off to Wyberba.

649.7. Wyberba.

654.8 Girraween National Park. Circuit No. 2. ~~Start~~ Strangybark to 30ft on slope with granite outcrops + coarse pale granitic soil. Callitris sp. + Acacia spp. to 8ft, Leptospermum sp. + Persoonia sp., Callytrix sp., Lunelea sp., + Polygala sp., + other microphyllous shrubs 1-3ft, some grass + leaf litter. Morabine mainly 1ft or less + not dense, with grass between. Monotria (also morabine) on patches of a green forb or shrublet to 6in (spec.). Psednura among sedges to 2ft in open swampy area.

Gonocalea australasicae (J.), G. carinata, Monotria discrepans, Cirphula pyrrhocnemis, Apotropis tricarinata, Psednura musgravei, morabine sp. P103 to 20ft

microphyllous on shrubs

16/11.

35738.4. Glen Innes depart.

750.7. Summit of Great Dividing Range, 3740ft.

754.4. Road from Dundee in on left.

3576.5.0. Hilly, with pale grey granitic soil. Slope strong to steep, small swamp by area. A smooth-barked euc & a small-leaved one rough-barked to 40ft, occ. stringy bark, all to 60ft, Casuarina sp. to 20ft, Acacia sp. to 15ft, mixed shrubs, including Leptospermum sp., Hibbertia sp. & legumes to 2ft, occ. Banksia sp. to 2ft, several sedges & grasses, incl. Imperata to 2ft, a little bare soil ground. Grazed by cattle. Morabine associated with shrubs & sedges.
Goniaea australasiae, Monistria concinna, Apotropis tricarinata, Praxibulus exsecutor sp., Parabettixa argillaceus, P. albolimbatus, Coptotettix quinquecarinatus, morabine sp. P104

7760 Turn-off to Raspberry Lookout (Gibraltar Range Nat. Park)

776.5. Look-out. Small clearing patch from a rough-barked euc. to 80ft. Poa australis & bracken, leaf litter. Praxibulus nymphs.
Cryptobothrus chrysophorus

778.5. Hilly, with massive granite outcrops & pale granitic soil. A stringybark to 50ft with Xanthorrhoea occ. to 6ft, numerous shrubs, mostly microphyllous, 2 to 6ft, incl. Leptospermum sp., Baeckea rubescens, mosses of sedges frequent & of a tall coarse grass to 2ft. Morabines on shrubs. Pardillana amongst leaf-litter under euc. (also
Morabine sp. P104, Exarna includens (J), Goniaea carinata, Pardillana sp. 7, Ciphula pyrrhocnemis

nymphs).

782.0. Rangers headquarters & enquiry kiosk, Eubalta Range hot park (on Dandahra Creek). Rough-barked euc (Peppermints) to 40ft. Lining Creek. Masses granite boulders, pale granitic soil. Miscellaneous shrubs, mainly microphyllous 1-4ft, including a mauve-flowered Prostanthera, a climbing ?Correa, & legumes, Poa australis patches, patches of ferns etc. leaf litter. Patches of sedges & coarse grass. Monistria apparently associates with Prostanthera.

Eubalta modesta, Cryptobothrus chrysophorus, Monistria discrepans, Cisphula pyrrhocnemis, Praxichares sp., morabine sp. P104

784.2. Mulligans Hut. Margin of swamp. morabine sp. P104

786.6. Back on main road.

789.4. Summit, Eubalta Range. 3570ft.

792.1. Return.

17/11.

35851.2. South Grafton. Start of Armidale road.

855.2. Turned off to Coffs Harbour. (31 mile peg from Coff's Harbour)

872.8. Sandstone rise with pale soil & some coarse laterite gravel. Stringybark, E. gummifera, large-fruited euc from main road St. of Grafton, Angophora sp. all to 50ft, with Melaleuca sp., Leptospermum

Cisphula pyrrhocnemis, morabine sp. P102(7)(8).

sp., Banksia sp., Hakea sp., to 10ft, miscellaneous shrubs 1 to 4ft, including Petrophila sp., Mountain dwil, Persoonia sp., Xanthorrhoea spp. acaulescent & short-stemmed, occ. sedges, Themeda avibalis & a tall stalky grass.

878.0. Glencaigh